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PATENT

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February 11, 2002  
Date

Stephanie Jansen  
Stephanie Jansen

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant	: Jason B. Elledge	Attorney Docket No.:	500188.02
Serial No.	: 09/616,794	Group Art Unit	: 3723
Filed	: July 14, 2000	Examiner	: Willie Berry, Jr.
Title	: APPARATUS FOR IN-SITU OPTICAL ENDPOINTING ON WEB-FORMAT PLANARIZING MACHINES IN MECHANICAL OR CHEMICAL-MECHANICAL PLANARIZATION OF MICROELECTRONIC-DEVICE SUBSTRATE ASSEMBLIES AND METHODS FOR MAKING AND USING SAME		

Commissioner of Patents  
Washington, DC 20231

AMENDMENT

Sir:

Applicant acknowledges receipt of the Office Action dated December 31, 2001.

In the Claims:

Please cancel claims 41, 42, 44, and 45, amend claims 40 and 43, and add new claims 46-79 as follows:

40. (Amended) A method of endpointing mechanical or chemical-mechanical planarization processing of microelectronic-device substrate assemblies, comprising:

initially passing a light beam from an illumination site in a table through a first optically transmissive view site located at first area within an elongated slot in a polishing pad to at least periodically impinge a first substrate assembly with the light beam and optically sense a surface condition of the first substrate assembly;

3723

**FEE TRANSMITTAL SHEET**  
(FOR FEB 2001)

**Complete if Known**

Application No.	09/616,794
Filing Date	July 14, 2000
First Named Inventor	Jason B. Elledge
Group Art Unit	3723
Examiner	Willie Berry, Jr.
Atty. Docket Number	500188.02

**METHOD OF PAYMENT (Check One)**

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
101	740	201	370	<input type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	740	208	370	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee
<b>Subtotal (1)</b>				<b>\$ 0</b>

**2. EXTRA CLAIM FEES**

Current Claims	Prior	Extra	Fee	Fee Paid
Total	36	-	20 = 16	x \$ 18 = \$ 288
Ind.	4	-	3 = 1	x \$ 84 = \$ 84
Multiple Dependent Claims				x \$ = \$
<b>Subtotal (2)</b>				<b>\$ 372</b>

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent Claim
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

**FEE CALCULATION (Continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or path	\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For Filing a Request for Reexamination	\$
195	300	196	300	Publication (early or Republication)	\$
115	110	215	55	Extension for reply within first month	\$
116	400	216	200	Extension for reply within 2 <sup>nd</sup> month	\$
117	920	217	460	Extension for reply within 3 <sup>rd</sup> month	\$
118	1,440	218	720	Extension for reply within 4 <sup>th</sup> month	\$
128	1,960	280	980	Extension for reply within 5 <sup>th</sup> month	\$
120	320	220	160	Filing a brief in support of an appeal	\$
121	280	270	140	Request for oral hearing	\$
148	110	248	55	Terminal Disclaimer Fee	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,280	241	640	Petition to revive - unintentional	\$
142	1,280	242	640	Utility/Reissue issue fee (+ advance copies)	\$
143	460	243	230	Design issue fee (+ advance copies)	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of IDS	\$
581	40	81	40	Recording each patent assignment per property (times number of properties)	\$
179	740	279	370	Request for Continued Examination (RCE)	\$
Other fee (specify)					\$
<b>Subtotal (3)</b>				<b>\$ 0</b>	

**Total Amount of Payment: \$ 372****Submitted by:**

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Date: 2-11-02